PROJECT DESCRIPTION

GENERAL

THIS PROJECT INVOLVES THE INSTALLATION OF A NEW INTERSECTION CONTROL BEACON AT THE INTERSECTION MD 30 AND RUE SAINT LO DR. IN BALTIMORE

MD 30 RUNS IN A NORTH-SOUTH DIRECTION.

INTERSECTION OPERATION

1. NORMAL OPERATION

THE INTERSECTION WILL OPERATE IN A FLASHING MODE. THE MD 30 SIGNAL HEADS WILL FLASH YELLOW. THE RUE SAINT LO DR. SIGNAL HEADS WILL FLASH RED.

UPON COMPLETION OF THIS PROJECT THE CONTRACTOR SHALL NOTIFY MR. ROBERT SYNDER OF SHA AT 410 787-7635 TO ARRANGE FOR THE PHONE LINE INSTALLATION. THE CONTRACTOR IS TO PROVIDE MR. SYNDER WITH THE NEAREST STREET ADDRESS, ZIP CODE AND PHONE NUMBER.

PROJECT CONTACTS

THE CONTACT PERSONS FOR DISTRICT #4 ARE AS FOLLOWS:

MR. DAVE MALKOWSKI DISTRICT ENGINEER PHONE: 410-321-2810

MR. JOSEPH MCMAHON DISTRICT UTILITY ENGINEER PHONE: 410-321-2841

MR. RANDALL SCOTT ASSISTANCE DISTRICT ENGINEER-TRAFFIC PHONE: 410-321-2780

MR. RICHARD L. DAFF, SR. CHIEF, TRAFFIC OPERATION DIVISION PHONE: 410-787-7630

MR. DAVID RAMSEY ASSISTANCE DISTRICT ENGINEER-MAINTENANCE PHONE: 410-321-2761

WIRING DIAGRAM

WIRING KEY

7-CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG)

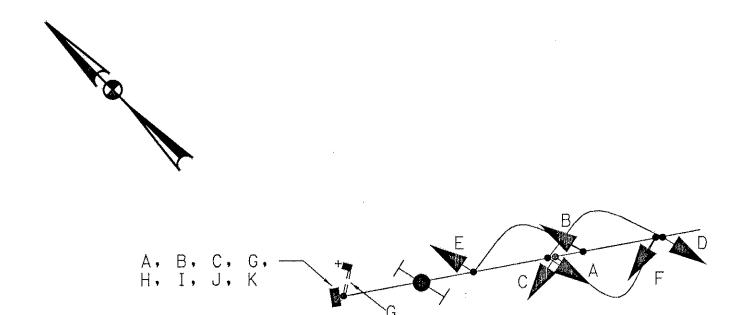
5-CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG)

STRANDED BARE COPPER GROUND WIRE (NO. 6 AWG)

+ $\frac{3}{4}$ IN. X 10 FT. GROUND ROD

1-CONDUCTOR ELECTRICAL CABLE (NO. 4 AWG)

3-CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG)



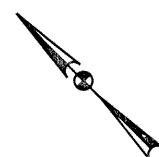
EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY THE SHA.

DESCRIPTION CAT CODE ITEM QUANTITY CABINET INTERSECTION MONITOR SIZE 5 900000 9087 1 EA CONTROLLER ASC II W/ TELEMETRY 900000 9089 11 SF SHIELD ASSEMBLY (NORTH, MD 30, LEFT ARROW) (30" X 51") 1 EACH POLE MOUNTED D - 3 (1) (Rue St. Lo DR) (VAR.X16") 1 EACH MAST ARM MOUNTED

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.

CAT CODE	ITEM	OUANTITY		DESCRIPTION
110320	1001	1	EA	MAINTENANCE OF TRAFFIC
203030	2001	1	CY	TEST PIT EXCAVATION
500000	5004	25	ĻF	24 INCH HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKINGS
655104	6001	12	SF	4 INCH CONCRETE SIDEWALK
871201	8019	1	EΑ	INSTALL CONTROLLER AND CABINET - POLE MOUNT
800000	8027	10	LF	FURNISH AND INSTALL 3 INCH SCH 80 RIGID PVC CONDUIT - TRENCHED
811001	8033	1	EΑ	FURNISH AND INSTALL ELECTRICAL HANDHOLE
837001	8034	1	EA	FURNISH AND INSTALL GROUND ROD - 3/4 INCH DIAMETER X 10 FOOT LENGTH
861106	8043	25	LF	FURNISH AND INSTALL ELECTRICAL CABLE - 3 CONDUCTOR (NO 14 AWG)
861107	8044	75	LF	FURNISH AND INSTALL ELECTRICAL CABLE - 5 CONDUCTOR (NO 14 AWG)
861108	8045	205	LF	FURNISH AND INSTALL ELECTRICAL CABLE - 7 CONDUCTOR (NO 14 AWG)
802501	8048	20	LF	FURNISH AND INSTALL NO 6 AWG STRANDED BARE COPPER GROUND WIRE
810010	8049	30	LF	FURNISH AND INSTALL ELECTRICAL CABLE - 1 CONDUCTOR NO 4 AWG THHN/THWN
800000	8065	15	LF	FURNISH AND INSTALL 1" RIGID METAL ELECTRICAL CONDUIT - GALVANIZED RISER
838003	8066	1	EA	FURNISH AND INSTALL CONTROL AND DISTRIBUTION EQUIPMENT (120/240v 1 PHASE 3 WIRE SYSTEM)
800000	8069	1	EA	FURNISH AND INSTALL PHOTOCELL
800000	8079	1	EA	FURNISH AND INSTALL MAST ARM POLE AND 70 FOOT MAST ARM
800000	8084	6	EA	FURNISH AND INSTALL 12 INCH VEHICULAR TRAFFIC SIGNAL HEAD SECTION



PHASING SEQUENCE CHART

1 2 3 4 5 6 Y Y Y R R

TS-2 OF 2

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety TRAFFIC ENGINEERING DESIGN DIVISION GENERAL INFORMATION SHEET

MD 30 AT RUE SAINT LO DR.

F.A.P. NO. DRAWN BY: 3955 CHECKED BY: RJM XXI005485 S.H.A. NO. SHEET NO. BALTIMORE COUNTY: T.I.M.S. NO. SCALE: 03003002.26 DATE: LOG MILE: D-483

9220 RUMSEY ROAD; SUITE 210 COLUMBIA, MARYLAND 21045 (410)-884-3607